

1 21. (Twice Amended) A computer program product for use with a server operatively coupled over a computer network to a plurality of processes, the computer program product comprising a computer usable medium having program code embodied thereon the program code comprising:

a. program code configured to receive the current network protocol address of one of the processes coupled to the network, the network protocol address being received by ^{said one of the processes} the process from an Internet access server;

b. ¹ program code configured to receive an identifier associated with said one process; and

c. program code configured to receive queries for one of the network protocol address and the associated identifier of said one ^{of the processes} process from other processes ^{the server} over the computer network at ¹ a connection server, and to allow the establishment of a packet-based point-to-point communication between said one ^{of the processes} process and one of said other processes. ¹

22. (Twice Amended) A computer data signal embodied in a carrier wave comprising:

a. program code configured to receive a current network protocol address of a process coupled to a computer network, the network protocol address being received by the process from an Internet access server;

b. program code configured to receive an identifier associated with said one process; and

c. program code configured to receive queries for one of the network protocol address and the associated identifier of said one process from other processes over the computer network at a connection server, and to allow the establishment of a packet-based point-to-point communication between said one process and one of said other processes.

C
1
3
23. (Twice Amended) In a computer system operatively coupled over a computer network to a plurality of processes, a method comprising the steps of:

- a. receiving the current network protocol address of a process coupled to the network, the network protocol address being received by the process from an Internet access server;
 - b. receiving an identifier associated with said one process;
 - c. receiving a query for one of the network protocol address and the associated identifier of said one process from another of the processes over the computer network at a connection server; and
 - d. providing one of the network protocol address and the associated identifier of said one process to a said another process over the computer network, if the said one process is connected to the computer network, and to allow the establishment of a packet-based point-to-point communication between said one process and one of said another processes.
- 